

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the Application, with deleted text shown either between double brackets < > or as strike-through text, and added text shown in underlined form:

CLAIMS

1. (Currently amended) A composition comprising sterile bovine colostrum ~~that has been highly filtered and provided in injectable form.~~ prepared by filtering a bovine colostrum to remove large components while retaining antibodies, lowering a temperature of the filtered colostrum so that the filtered colostrum is frozen or highly refrigerated, and sterilizing the filtered colostrum at the lower temperature.

2. (Original) The composition of claim 1 provided in a syringe.

3. (Original) The composition of claim 1 further comprising a carrier suitable for injection.

4. (Currently amended) A method of preparing sterile highly filtered colostrum, the method comprising the steps of:

filtering colostrum to remove large components while retaining antibodies[~~],~~];

lowering a temperature of the filtered colostrum so that the filtered colostrum is frozen or highly refrigerated; and

sterilizing the filtered colostrum at the lower temperature; and

~~packaging the colostrum in injectable form.~~

5. (Currently amended) The method of claim 4 wherein the ~~[[sterilizing]]~~ step of sterilizing the filtered colostrum is performed ~~by gamma irradiating the sample using gamma-irradiation.~~

6. (Currently amended) The method of claim 4 wherein the ~~[[filtering]]~~ step of filtering the colostrum is performed ~~by filtering the colostrum through~~ using a series of filters.

7. (Currently amended) The method of claim 6 wherein the ~~series of filters~~ comprises step of filtering the colostrum is performed using a 10 micron filter, a 5 micron filter, and a 3 micron filter.

8. (Currently amended) The method of claim 4 wherein the ~~colostrums used in the~~ step of filtering ~~[[step]]~~ the colostrum is performed by filtering raw colostrum.

9. (Currently amended) A method for providing an animal protection from disease, the method comprising the step of:

~~injecting the animal with~~ administering a dose of a sterile highly filtered colostrum to an animal, the sterile highly filtered colostrum prepared by filtering initial colostrum to remove large components while retaining antibodies, lowering a temperature of the filtered colostrum so that the filtered colostrum is frozen or highly refrigerated, and sterilizing the filtered colostrum at the lower temperature.

10. (Cancelled)

11. (Cancelled)

12. (Original) The method of claim 9 wherein the animal is a warm-blooded mammal.

13. (Original) The method of claim 12 wherein the warm-blooded mammal is a bovine.

14. (Original) The method of claim 13 wherein the bovine is a calf.

15. (Original) The method of claim 12 wherein the warm-blooded mammal is a juvenile.

16. (Original) The method of claim 12 wherein the colostrum is obtained from an animal of the same species as the warm-blooded mammal.

17. (Original) The method of claim 9 further comprising the step of injecting the animal with a second dose of colostrum at a subsequent date.

18. (Original) The method of claim 9 wherein the injection step involves subcutaneous injection of the colostrum.

19. (New) The method of claim 4 wherein the step of sterilizing the filtered colostrum at the lower temperature is performed to minimize denaturation.

20. (New) The method of claim 4 wherein the steps of filtering the colostrum and sterilizing the filtered colostrum are performed without centrifugation.

21. (New) The method of claim 9 further comprising the step of:
administering a second dose of the sterile highly filtered colostrum to the animal.

22. (New) The method of claim 9 wherein the step of administering the sterile highly filtered colostrum to the animal comprises injecting the sterile highly filtered colostrum into the animal.